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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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|  |                               |   |
|--|-------------------------------|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br>(Only for new nonprovisional applications under 37 CFR 1.53(b)) | <b>Attorney Docket No.</b>    | OR03-10801                                    |
|  | <b>First Inventor</b>         | Senthilnathan Arunagirinathan                 |
|  | <b>Title</b>                  | Invalidating Cached Data Using Secondary Keys |
|  | <b>Express Mail Label No.</b> | EL 978 246 385 US                             |

|  |  |
|--|--|
| <b>APPLICATION ELEMENTS</b><br>See MPEP chapter 600 concerning utility patent application contents.  | <b>ADDRESS TO:</b><br>MS Patent Application<br>Commissioner for Patents<br>Alexandria, VA 22313-1450   |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br>(Submit an original, and a duplicate for fee processing)  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br>See 37 CFR 1.27.  | 8. Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary)  |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 18]<br>(preferred arrangement set forth below) <ul style="list-style-type: none"><li>- Descriptive title of the Invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> | a. <input type="checkbox"/> Computer Readable Copy (CRF)<br>b. Specification Sequence Listing on: <ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> paper</li></ul> c. <input type="checkbox"/> Statement verifying identity of above copies  |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 2]   | <b>ACCOMPANYING APPLICATION PARTS</b><br>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney<br>(when there is an assignee) (Combined with Declaration)<br>11. <input type="checkbox"/> English Translation Document (if applicable)<br>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>13. <input type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br>(Should be specifically itemized)<br>15. <input type="checkbox"/> Certified copy of Priority Document(s) (if foreign priority is claimed)<br>16. <input type="checkbox"/> Certified Nonpublication Request under 35 U.S.C. 122<br>(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.<br>17. <input checked="" type="checkbox"/> Other: Power of Atty by Assignee; Credit Card payment frm |
| 5. Oath or Declaration [Total Pages 4]<br>a. <input checked="" type="checkbox"/> Newly executed (original or copy)<br>b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))<br>(for continuation/divisional with Box 18 completed)<br>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br>Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).  |  |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.   |  |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:<br><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ / _____ filed _____<br>Prior application information: Examiner: _____ Group Art Unit: _____   |  |

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

|   |                         |           |   |          |  |
|---|-------------------------|-----------|---|----------|--|
| <b>19. CORRESPONDENCE ADDRESS</b>                                     |                         |           |   |          |  |
| <input checked="" type="checkbox"/> Customer Number or Bar Code Label |                         |           | <input type="checkbox"/> Correspondence address below |          |  |
| Name  | Park, Vaughan & Fleming |           | (Insert Customer No. or Attach bar code label here)   |          |  |
| Address   | PATENT TRADEMARK OFFICE |           |   |          |  |
| City  |                         | State     |   | Zip Code |  |
| Country   |                         | Telephone |   | Fax      |  |

|                   |                   |                                   |                  |
|-------------------|-------------------|-----------------------------------|------------------|
| Name (Print/Type) | Daniel E. Vaughan | Registration No. (Attorney/Agent) | 42,199           |
| Signature         |                   | Date                              | December 2, 2003 |

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# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

## Complete if Known

|                         |      |                               |
|-------------------------|------|-------------------------------|
| Application Number      |      |                               |
| Filing Date             |      | December 2, 2003              |
| First Named Inventor    |      | Senthilnathan Arunagirinathan |
| Examiner Name           |      |                               |
| Group Art Unit          |      |                               |
| TOTAL AMOUNT OF PAYMENT | (\$) | 1,370                         |
| Attorney Docket No.     |      | OR03-10801                    |

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number: 50-1801

Deposit Account Name: Park, Vaughan & Fleming LLP

☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☐ Check ☒ Credit card ☐ Money ☐ Other Order

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

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Fee Description

Fee Paid

|      |       |      |       |  |    |
|------|-------|------|-------|--|----|
| 1051 | 130   | 2051 | 65    | Surcharge - late filing fee or oath  |    |
| 1052 | 50    | 2052 | 25    | Surcharge - late provisional filing fee or cover sheet.                    |    |
| 1053 | 130   | 1053 | 130   | Non-English specification  |    |
| 1812 | 2520  | 1812 | 2520  | Request for <i>ex parte</i> reexamination                                  |    |
| 1804 | 920*  | 1804 | 920*  | Requesting publication of SIR prior to Examiner action                     |    |
| 1805 | 1840* | 1805 | 1840* | Requesting publication of SIR after Examiner action                        |    |
| 1251 | 110   | 2255 | 55    | Extension for reply within first month                                     |    |
| 1252 | 420   | 2252 | 210   | Extension for reply within second month                                    |    |
| 1253 | 950   | 2253 | 475   | Extension for reply within third month                                     |    |
| 1254 | 1480  | 2354 | 740   | Extension for reply within fourth month                                    |    |
| 1255 | 2010  | 2255 | 1005  | Extension for reply within fifth month                                     |    |
| 1401 | 330   | 2401 | 165   | Notice of Appeal   |    |
| 1402 | 330   | 2402 | 165   | Filing a brief in support of an appeal                                     |    |
| 1403 | 290   | 2403 | 145   | Request for oral hearing   |    |
| 1451 | 1510  | 1451 | 1510  | Petition to institute a public use proceeding                              |    |
| 1452 | 110   | 2452 | 55    | Petition to revive - unavoidable   |    |
| 1453 | 1330  | 2453 | 665   | Petition to revive - unintentional   |    |
| 1501 | 1330  | 2501 | 665   | Utility issue fee (or reissue)   |    |
| 1502 | 480   | 2502 | 240   | Design issue fee   |    |
| 1503 | 640   | 2503 | 320   | Plant issue fee  |    |
| 1460 | 130   | 1460 | 130   | Petitions to the Commissioner  |    |
| 1807 | 50    | 1807 | 50    | Processing fee for provisional applications                                |    |
| 1806 | 180   | 1806 | 180   | Submission of Information Disclosure Stmt                                  |    |
| 8021 | 40    | 8021 | 40    | Recording each patent assignment per property (times number of properties) | 40 |
| 1809 | 770   | 2809 | 385   | Filing a submission after final rejection (37 CFR 1.129(a))                |    |
| 1810 | 770   | 2810 | 385   | For each additional invention to be examined (37 CFR 1.129(b))             |    |
| 1801 | 770   | 2801 | 385   | Request for Continued Examination (RCE)                                    |    |
| 1802 | 900   | 1802 | 900   | Request for expedited examination of a design application                  |    |

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

40

### 1. BASIC FILING FEE

Large Entity Small Entity

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Code (\$) Code (\$) Code (\$) Code (\$)

|      |     |      |     |                        |     |
|------|-----|------|-----|------------------------|-----|
| 1001 | 770 | 2001 | 385 | Utility filing fee     | 770 |
| 1002 | 340 | 2002 | 170 | Design filing fee      |     |
| 1003 | 530 | 2003 | 265 | Plant filing fee       |     |
| 1004 | 770 | 2004 | 385 | Reissue filing fee     |     |
| 1005 | 160 | 2005 | 80  | Provisional filing fee |     |

SUBTOTAL (1)

(\$)

770

### 2. EXTRA CLAIM FEES

|                    |    |              |    |                |    |          |     |
|--------------------|----|--------------|----|----------------|----|----------|-----|
| Total Claims       | 32 | Extra Claims | 12 | Fee from below | 18 | Fee Paid | 216 |
| Independent Claims | 7  | -3**         | 4  | X              | 86 |          | 344 |
| Multiple Dependent |    |              |    |                |    |          |     |

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

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Code (\$) Code (\$) Code (\$) Code (\$)

|      |     |      |     |  |  |
|------|-----|------|-----|--|--|
| 1202 | 18  | 2202 | 9   | Claims in excess of 20                                     |  |
| 1201 | 86  | 2201 | 43  | Independent claims in excess of 3                          |  |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim                                   |  |
| 1204 | 86  | 2204 | 43  | ** Reissue independent claims over original patent         |  |
| 1205 | 18  | 2205 | 9   | ** Reissue claims in excess of 20 and over original patent |  |

SUBTOTAL (2)

(\$)

560

## SUBMITTED BY

|                   |                          |                                   |                  |           |              |
|-------------------|--------------------------|-----------------------------------|------------------|-----------|--------------|
| Name (Print/Type) | Daniel E. Vaughan        | Registration No. (Attorney/Agent) | 42,199           | Telephone | 650-474-1973 |
| Signature         | <i>Daniel E. Vaughan</i> | Date                              | December 2, 2003 |           |              |

## Complete (if applicable)

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